

**IBM Personal System/2  
Facts and Features**

# PS/2 it!

**March 1990**

**IBM**

Use this handy reference to make quick comparisons of IBM Personal System/2® models—and check their options, too. It presents basic facts and features—as well as attachment cards and enhancement products—for the entire PS/2® family.

## Personal System/2 model comparisons



### Personal System/2 Model

#### Machine numbers

#### Processor

Co-Processor (optional)

Speed (MHz)

#### Data path

#### Power supply

#### User memory (RAM)<sup>3</sup>

Standard—maximum on system board

System maximum (addressable)

#### Integrated functions

Parallel/serial/pointing device ports

Graphics port

Disk/diskette controllers

Clock/calendar

Security password

#### Expansion slots (available)

#### Operating systems

DOS 3.3 and DOS 4.0

Operating System/2™

AIX™ Personal System/2

#### Diskette drives, 3.5-inch

Capacity

#### Fixed disk storage

Standard—maximum (Mb)

Access time

### 25

8525-001, -004, -G01, -G04<sup>1</sup>

8086

8087

8

8-bit

90-watt (-001, -G01, -L01)

115-watt (-004, -G04, -L04)

512Kb–640Kb

640Kb

Yes

MCGA

Yes

No

No

2<sup>4</sup>

Yes

No

No

720Kb

0–20

80ms

### 30

8530-001, -021

8086

8087

8

8-bit

70-watt

640Kb

640Kb

Yes

MCGA

Yes

Yes

No

3

Yes

No

No

720Kb

0–30 (-001)

20 (-021)

39ms (-001)

27ms (-021)

### 30 286

8530-E01, -E21, -E31

80286

80287

10

16-bit

90-watt

1Mb–4Mb

16Mb

Yes

VGA

Yes

Yes

Yes

3

Yes

Yes<sup>5</sup>

No

1.44Mb

0–30 (-E01)

20 (-E21)

30 (-E31)

39ms (-E01)

27ms (-E21, -E31)

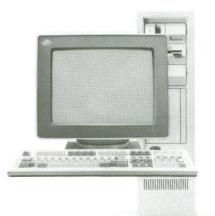
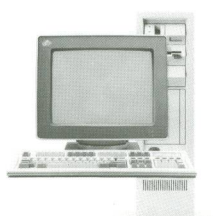
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<sup>1</sup> Also available as LAN Station Models 25-L01 and -L04 from IBM dealers only.

<sup>2</sup> Processor upgrade (-A61, -A21).

<sup>3</sup> 128Kb of this memory is reserved for hardware system use on Models 55 SX, P70 386, 70 386, 70 486, 80 386 (8580-111, -311).



## 50 Z

## 55 SX

## 60

## 65 SX

## P70 386

## 70 386

8550-031, -061

8555-031, -061

8560-041, -071

8565-061, -121

8573-031, -061, -121

8570-E61, -061, -121, -A61, -A21

80286  
80287  
10

80386SX™  
80387SX  
16

80286  
80287  
10

80386SX  
80387SX  
16

80386™  
80387  
16 (-031)  
20 (-061, -121)

80386/i486™<sup>2</sup>  
80387  
16 (-E61)  
20 (-061, -121)  
25 (-A61, -A21)

16-bit  
94-watt

16-bit  
90-watt

16-bit  
207-watt

16-bit  
250-watt

32-bit  
85-watt

32-bit  
132-watt

1Mb-2Mb

2Mb-8Mb

1Mb

2Mb-8Mb

2Mb-4Mb (-031)  
4Mb-8Mb (-061, -121)

2Mb-6Mb (-E61, -061, -121)  
2Mb-8Mb (-A61, -A21)

16Mb

16Mb

16Mb

16Mb

16Mb

16Mb

Yes  
VGA  
Yes  
Yes  
Yes

Yes  
VGA  
Yes  
Yes  
Yes

Yes  
VGA  
Yes  
Yes  
Yes

Yes  
VGA  
Yes<sup>7</sup>  
Yes  
Yes

Yes  
VGA  
Yes  
Yes  
Yes

Yes  
VGA  
Yes  
Yes  
Yes

3

3

7

7

2<sup>4</sup>

3

Yes  
Yes  
No

Yes  
Yes  
Yes

Yes  
Yes  
No

Yes  
Yes  
Yes<sup>6</sup>

Yes  
Yes  
Yes

Yes  
Yes  
Yes

1.44Mb

1.44Mb

1.44Mb

1.44Mb

1.44Mb

1.44Mb

30 (-031)  
60 (-061)

30 (-031)  
60 (-061)

44-684 (-041)  
70-710 (-071)

60-1Gb (-061)  
120-1.1Gb (-121)

30 (-031)  
60 (-061)  
120 (-121)

60 (-E61, -061, -A61)  
120 (-121, -A21)

39ms (-031)  
27ms (-061)

39ms (-031)  
27ms (-061)

40ms (-041)  
30ms (-071)

23ms

19ms (-031)  
27ms (-061)  
23ms (-121)

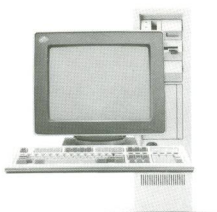
27ms (-E61, -061, -A61)  
23ms (-121, -A21)

<sup>4</sup> One full-size, one half-size.

<sup>5</sup> Entry-level environment only.

<sup>6</sup> AIX PS/2 Operating System available 9/90.

<sup>7</sup> Model 65 SX and Model 80 386 (-121, -321, -A21, -A31) have built-in SCSI adapters; all other supported models must have SCSI adapter installed.



## 70 486

8570-B61, -B21

i486  
Built-in

25

32-bit

132-watt

2Mb-8Mb

16Mb

Yes  
VGA  
Yes  
Yes  
Yes

3

Yes  
Yes  
Yes

1.44Mb

60 (-B61)  
120 (-B21)

23ms

## 80 386

8580-041, -071, -111, -311,  
-121, -321, -A21, -A31

80386  
80387

16 (-041, -071)  
20 (-311, -111, -121, -321)  
25 (-A21, -A31)

32-bit

225-watt  
242-watt (-A21, -A31)

1Mb-2Mb (-041)  
2Mb (-071)  
2Mb-4Mb (-111, -311)  
2Mb-4Mb (-121, -321)  
4Mb-8Mb (-A21, -A31)

16Mb

Yes  
VGA  
Yes<sup>7</sup>  
Yes  
Yes

7

Yes  
Yes  
Yes

1.44Mb

44-684 (-041)  
70-710 (-071)  
115-755 (-111)  
120-1.3Gb (-121, -A21)  
314-954 (-311)  
320-1.3Gb (-321, -A31)

40ms (-041)  
30ms (-071)  
28ms (-111)  
23ms (-311, -121, -A21)  
12.5ms (-321, -A31)



## IBM PS/2 options

Personal System/2 Model	25	30	30 286	50 Z	55 SX	60	65 SX	P70 386	70 386	70 486	80 386
<b>Processors</b>											
486/25 Power Platform									2		
<b>Co-Processors</b>											
PS/2 Wizard Adapter											
<b>Memory</b>											
128Kb Memory Expansion	■										
2Mb Expanded Memory Adapter	■	■									
Multifunction Adapter			■								
80286 Memory Expansion				■		■					
2-8Mb 80286 Memory Expansion				■	■	■	■				
2-8Mb 80386 Memory Expansion								■	■	■	■
Enhanced 80386 Memory Expansion								■	■	■	■
<b>Storage Devices</b>											
3.5-inch 720Kb Diskette Drive	■	■									
3.5-inch 1.44Mb Diskette Drive			■	■		■	■		■	■	■
5.25" Internal Diskette Drive							■				■
5.25" External Diskette Drive (360Kb)	■	■	■	■	■	■	■	■	■	■	■
5.25" External Diskette Drive (1.2Mb)				■	■	■	■		■	■	■
3.5-inch 20Mb Fixed Disk	■	■	■			■	■	■	■	■	■
3.5-inch 30Mb Fixed Disk		■	■								
3.5-inch 60Mb SCSI Fixed Disk <sup>7</sup>						■	■				■
3.5-inch 120Mb SCSI Fixed Disk <sup>7</sup>							■				■
3.5-inch 320Mb SCSI Fixed Disk <sup>7</sup>						■	■				■
5.25-inch 44Mb Fixed Disk						■					■
5.25-inch 70Mb Fixed Disk						■					■
5.25-inch 115Mb Fixed Disk						■					■
5.25-inch 314Mb Fixed Disk											■
CD-ROM Drive (Internal)						■	■				■
External CD-ROM Drive				■	■	■	■	■	■	■	■
6157 Streaming Tape Drive		■	■	■	■	■	■	■	■	■	■
Internal Tape Backup Unit				■		■			■	■	■
3363 Optical Disk Drive		■	■	■	■	■	■	■	■	■	■
<b>Displays</b>											
Monochrome Displays: 8503, 8506, 8507, 8508		■	■	■	■	■	■	■	■	■	■
Color Displays: 8512, 8513, 8514, 8515		■	■	■	■	■	■	■	■	■	■
<b>Printers/Plotters/Scanners</b>											
Proprinter™ Family	■	■	■	■	■	■	■	■	■	■	■
4019 LaserPrinter and LaserPrinter E	■	■	■	■	■	■	■	■	■	■	■
Quickwriter® Family	■	■	■	■	■	■	■	■	■	■	■
Quietwriter® Family	■	■	■	■	■	■	■	■	■	■	■
3812, 3816 Page Printer	■	■	■	■	■	■	■	■	■	■	■
4216 Personal Page Printer II	■	■	■	■	■	■	■	■	■	■	■
3117, 3118 Scanners	■	■	■	■	■	■	■	■	■	■	■
3119 PageScanner™	■	■	■	■	■	■	■	■	■	■	■
618x Color Plotter	■	■	■	■	■	■	■	■	■	■	■
737x Color Plotter	■	■	■	■	■	■	■	■	■	■	■
<b>Connectivity</b>											
Token-Ring Network PC Adapter	■	■	■								
Token-Ring Network Adapter/A				■	■	■	■	■	■	■	■
Token-Ring Network 16/4 Adapter	■	■	■								
Token-Ring Network 16/4 Adapter/A				■	■	■	■	■	■	■	■
Token-Ring Network Trace and Performance Adapter II	■	■	■								
Token-Ring Network Trace and Performance Adapter II/A				■	■	■	■	■	■	■	■
PC Network Adapter II	■	■	■								
PC Network Adapter II/A				■	■	■	■	■	■	■	■
PC Network Baseband Adapter	■	■	■				■	■	■	■	■
PC Network Baseband Adapter/A				■	■	■	■	■	■	■	■
PC Network Adapter II Frequency 2, 3	■	■	■								
PC Network Adapter II/A Frequency 2, 3				■	■	■	■	■	■	■	■
Multi-Protocol Adapter/A				■	■	■	■	■	■	■	■
Dual Async Adapter/A				■	■	■	■	■	■	■	■

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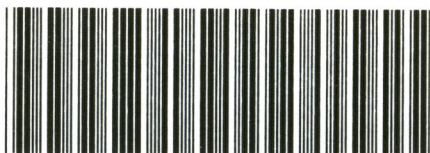
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